


Form PTO-1449				ATTY. DOCKET NO. 0020-5215P		APPLICATION NO. New		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				APPLICANT Muneyoshi OCHI et al.				
				FILING DATE January 30, 2004		GROUP		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
X	US 5,631,063		1997-05-20	Chujo et al.				
	US 5,051,292		1991-09-24	Katoh et al.				
	US 6,274,220		2004-08-01	Tsukuda et al.				
	US 5,922,483		1999-07-01	Tahakeshi et al.				
	US 6,383,605		2004-05-02	Ejiri				
	US 5,358,777		1994-10-01	Kojima				
	US 4,980,199		1990-12-25	Okita et al.				
X	US 4,324,177		1982-04-13	Tsuji et al.				
FOREIGN PATENT DOCUMENTS								
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
X	JP 625702	A	1994-01-02	JAPAN				
	JP 6139553	A	1994-05-20	JAPAN				
	JP 2101624	A	1990-04-13	JAPAN				
	JP 3216812	A	1991-09-24	JAPAN				
	JP 317827	A	1991-01-25	JAPAN				
	JP 8235566	A	1996-09-13	JAPAN				
	JP 641297	B	1980-10-22	JAPAN				
	JP 62214514	A	1987-09-21	JAPAN				
	JP 419815	A	1992-01-23	JAPAN				
	JP 5234063	A	1993-09-10	JAPAN				
	JP 5613515	A	1981-02-09	JAPAN				
	JP 63102024	A	1988-05-06	JAPAN				
	JP 1125715	A	1989-05-18	JAPAN				
	JP 2130718	A	1990-05-18	JAPAN				
	JP 830957	A	1996-02-02	JAPAN				
X	JP 103647	A	1998-06-01	JAPAN				
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.								
Standard ECMA (Standardizing Information and Communication Systems) - 288, June 1999, pages 29 and 30								
EXAMINER				DATE CONSIDERED				
				09/04				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

0020-5215P

JAK/PCL/ndb